

ABSTRACT

A bus brace comb assembly for use in a switchgear assembly. The switchgear assembly has a channel bus bar for conveying electrical current in each phase of the switchgear assembly. The bus brace comb assembly holds the bus bar in place against magnetic forces associated with short-circuit currents in the switchgear bus bar. The bus brace comb assembly comprises a front comb assembly including a first bus clip configured to position the bus bar and a front brace coupled to the bus clip. A rear comb assembly including an interlock clamp configured to engage the channel bus bar and a second bus clip secured to the interlock clamp with a fastener and a rear brace coupled to the interlock clamp/bus clip assembly. A flange of the channel bus bar is pinched in the interlock clamp/bus clip assembly to secure channel bus bar in the switchgear assembly.